

REMARKS

The Examiner has objected to the drawings under 37 CFR 1.83(a) as incompletely showing every feature of the invention as specified in the claims, specifically "compression method comprising the steps for generating, grouping, correlating, and modulating in Claims 1, 8 and 11". Examiner has stated that these embodiments must be shown or the features or be cancelled from the claim(s) and that no new matter should be entered. The revised drawings are included in this Office Action Response.

The Examiner has also rejected the claims under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The Examiner has stated that the third cycle is exaggerated (actually lowered in frequency creating a longer wavelength) in Figures 4 and 7 which relates to binary values in tables 5 and 8 respectively. The Examiner asks how the system would encode the rest of the binary values shown in Figures 5 and 8 given that the cycle three is exaggerated. The Applicant has amended the specification to clarify this. No new matter was added.

Finally the Examiner has rejected Claims 1-16 under 35 U.S.C. 103(a) as being obvious over Bobier et al. (Patent Publication Number US/2002/0058484). Applicant disagrees, as explained above, with the Examiner's statement that it would be obvious to one skilled in the art to have determined this compression system from the prior disclosure of Bobier. No where in the prior Bobier disclosure is this compression system described, suggested, or even hinted at. The Examiner states that Bobier does not show the grouping or correlating steps. These steps are the essential and novel elements of the claims. Applicant has amended the claims to better point out this novelty.

Amended Claims 1-14 now appear in the application. Reconsideration of the application and the patentable merits of the subject matter covered by these claims is respectfully requested.

Title: "Modulation Compression Method For The
Radio Frequency Transmission of High Speed Data"
Serial No. 10/766,556
Attorney Docket No. P031686-0-07UT
Responsive to Office Action Mailed January 25, 2005
Date: June 14, 2005

Applicant submits that Claims 1-14 are allowable and respectfully requests early favorable action by the Examiner.

If the Examiner believes a telephonic interview with Applicant's representative would aid in the prosecution of this application, he is cordially invited to contact Applicant's representative at the below listed number.

June 14, 2005
Date

Respectfully submitted,



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